

## Digital Video Recorder NV-DVR3009



### Features

- QUADRUPLEX: simultaneous recording, monitoring, playback and networking
- Operating system based on Linux
- Real-time display
- Recording speed: up to 100 fps
- MPEG-4 compression (5 levels)
- Recording resolution:
  - 360 (H) x 288 (V)
  - 720 (H) x 288 (V)
- Recording speed and resolution defined individually for each camera and each recording mode
- Supports up to 4 HDDs; 1 to be installed in the swappable drive
- Advanced schedule recording & motion detection functions
- Pre- & post-alarm functions
- 4-channel real-time audio recording
- Immediate access to any fragment of the recorded material
- SHUTTLE/JOG system for viewing recorded files
- PTZ control directly from the device or through the network
- Possibility of controlling NOVUS® cameras equipped with RS-485 interface
- Protocol: Novus-C, Novus-C1, Novus-C2, Pelco-D and others
- NV-KBD60 & NV-KBD30 keyboards compatible
- Backup function onto HDDs or CD-RW/DVD-RW (internal or connected through USB and IEEE1394 ports)
- Networking (simultaneous connections with multiple DVRs, real-time audio transmission and alarm e-mail notification)
- Software: N-Viewer 3000 application for remote connection with the DVR through the network and HDD reading
- User friendly multi-lingual OSD
- Multi-level password protection
- Covert camera function
- IR remote control and PC mouse control
- Power supply: 115~230 VAC

Specifications	Description
Operation Mode	QUADRUPLEX
Operating System	Linux
Video Input	9 x BNC loop-through, 1.0 Vp-p/75 Ohm
Video Output	1 Main Monitor output (BNC, Y/C and/or VGA), 1 Spot Monitor output (BNC)
Alarm Input	9
Alarm Output	4 relay outputs
Audio Input	4 x RCA
Audio Output	1 x RCA
Recording Speed	Up to 50 fps for 720 (H) x 288 (V), 100 fps for 360 (H) x 288 (V)
Compression	MPEG-4 - own algorithm (4 quality levels)

Specifications	Description
Recording Resolution	720 (H) x 288 (V) and 360 (H) x 288 (V)
Recording Mode	Time-lapse, Event (Alarm, Motion detection, Alarm & Motion Detection)
Display Speed	225 fps (real-time)
Display Screen	Full screen, 4, 6, 8, 9, PiP, sequence, user defined, digital zoom of a chosen screen area: 2x, 3x, 4x
Motion Detection	720 detection windows (30x24 grid) with active areas size, sensitivity & object speed defined individually for each channel
Video Loss Detection	Yes
Schedule Recording	Individually adjustable for each day/specific days (holidays etc.) per camera, combination of individual recording modes possibility
Recorded Data Search	By date/time or events
Event History Log	Up to 25 000 alarm events
Time Synchronization	Automatic time synchronization with NTP server
Storage	Supports up to 4 HDDs (max. 500 GB each), 1 to be installed in the swappable drive
Backup	CD-RW or DVD-RW drive, external HDDs through USB and IEEE1394 ports, network backup
DVD-RW Drive	External connected through USB and IEEE1394 ports
External Ports	1 x Ethernet - RJ-45 interface, 10 Mbit/s 1 x USB for external drives and PC Mouse 1 x FireWire (IEEE1394) for external drives (HDD, CD-RW, DVD-RW) 1 x RS-485 for PTZ cameras or keyboards 1 x RS-422 for NV-KBD60 & NV-KBD30 keyboards
PTZ Functions	Directly from the device or through the network (N-Viewer 300, IE browser)
Protocol	Novus-C, Novus-C1, Novus-C2, Pelco-D, Lilin, Samsung, LG and others
Control	Front panel, IR remote control, Network (N-Viewer 3000, IE), NV-KBD30 & NV-KBD60 keyboards, USB PC mouse
Set-up	Multi-lingual On Screen Display (OSD)
Software	N-Viewer 3000
User Authorization	Multi-level password protection, 16 individual user accounts
Auto System Recovery	Hardware WATCHDOG function
Power Supply	115~230 VAC
Power Consumption	Approx. 63 W without HDD and 102 W with 4 HDDs
Operating Temperature	5°C ~ 40°C
Relative Humidity	0 % ~ 80 % (non-condensing)
Dimensions (mm)	432 (W) x 88 (H) x 427 (D)
Weight	8.9 kg (without HDD)
Rack Mount	Yes
*	Lista zalecanych modeli i pojemności dysków dostępna w załączniku „Kompatybilne dyski”